

Numbers and Operations  
Lesson 6: Ratio and Proportion  
Solving Percent Problems  
Math for Standards

Name \_\_\_\_\_

Date \_\_\_\_\_

*EQ: How are ratios and proportions used in percent and conversion problems?*

Zeros on the ends of decimals may be \_\_\_\_\_.

The number of decimal places will tell the number of zeros in the number in the

\_\_\_\_\_.

Percent means “\_\_\_\_\_”; the denominator will always be \_\_\_\_\_.

You may need to \_\_\_\_\_ the fraction after writing it down.

Example 1: Write .760 as a fraction in lowest terms.

Example 5: Write 46% as a fraction in lowest terms.

Example 2: Write .325 as a fraction in lowest terms.

Example 6: Write 180% as a mixed number.

Example 3: Write .22 as a percent.

Example 7: Write  $\frac{24}{70}$  as a percent.

Example 4: Write 4.56 as a percent.

Example 8: Write 0.15% as a fraction in lowest terms and as a decimal